

Title (en)
Intraocular lens

Title (de)
Intraokulare Linse

Title (fr)
Lentille intraoculaire

Publication
EP 0916320 A2 19990519 (EN)

Application
EP 98119336 A 19981013

Priority
US 95029097 A 19971014

Abstract (en)
An intraocular lens for use in extracapsular cataract extraction has a novel haptic part that surrounds the optical part of the lens and further contains a groove of such shape to accommodate the anterior and posterior capsules of the lens bag after anterior capsulorhexis, extracapsular cataract extraction and posterior capsulorhexis. The lens is preferably inserted in a calibrated, circular and continuous combined anterior and posterior capsulorhexis, slightly smaller than the inner circumference of the groove as to induce a stretching of the rims of the capsular openings. This new approach is believed to prevent the appearance of secondary opacification of the capsules, allows a very stable fixation of the intraocular lens and ensures a tight separation between the anterior and posterior segment of the eye. This new principle of insertion is called the bag-in-the-lens technique, in contrast with the classical lens-in-the-bag technique. <IMAGE>

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A61F 2/16

IPC 8 full level
A61F 2/16 (2006.01); **A61F 2/00** (2006.01)

CPC (source: EP US)
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Citation (applicant)
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